

Koch, Kristine

From: Jennifer Woronets <jworonets@anchorqea.com>
Sent: Thursday, December 05, 2013 4:17 PM
To: Humphrey, Chip
Cc: Koch, Kristine; Carl Stivers; Amanda Shellenberger; Jim McKenna (jim.mckenna@verdantllc.com); Jennifer Woronets
Subject: FW: EPA Supplemental Information Request - Item 1: Bed Elevation Comparison files
Attachments: LWG_sedtran_1003-01_new_2003to2009_mod-dat_agreement_110803.dbf; LWG_sedtran_1003-01_new_2003to2009_mod-dat_agreement_110803.sbn; LWG_sedtran_1003-01_new_2003to2009_mod-dat_agreement_110803.sbx; LWG_sedtran_1003-01_new_2003to2009_mod-dat_agreement_110803.shp; LWG_sedtran_1003-01_new_2003to2009_mod-dat_agreement_110803.shp.xml; LWG_sedtran_1003-01_new_2003to2009_mod-dat_agreement_110803.shx

Chip,

Please see below and attached from Carl.

Thank you,
Jen Woronets ©
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From: Carl Stivers
Sent: Thursday, December 05, 2013 4:10 PM
To: Jennifer Woronets
Cc: Amanda Shellenberger; James McKenna
Subject: EPA Supplemental Information Request - Item 1: Bed Elevation Comparison files

Chip – You requested as Item 1 in the EPA supplemental information requests dated November 20, 2013 the following: “Bed Elevation Comparisons - Please provide the GIS layer(s) that were used to produce Figure 2-76 “Spatial Comparison of Predicted and Measured Bed Elevation” from the Draft Feasibility Study.”

The GIS shapefiles requested are attached. This shapefile database has the following columns:

- FID
- Shape
- IJ_GIS (note that: I_GIS = model grid index I -1, and J_GIS = model grid index J -1)
- BEDMOD = Predicted bed elevation change from May 15, 2003 to January 15, 2009 (cm) (which covers 5.68 years)
- BEDDAT = Measured bed elevation change from May 15, 2003 to January 15, 2009 (cm)
- DIFF = Absolute value of the difference between predicted and measured net sedimentation rate (cm/year), i.e., (BEDMOD – BEDDAT)/5.68
- COMPARE = AGREE or DISAGREE
 - If BEDMOD and BEDDAT have the same sign → AGREE
 - If BEDMOD and BEDDAT have different signs, but DIFF is less than or equal to 0.4 cm/year → AGREE
 - If BEDMOD and BEDDAT have different signs and DIFF is greater than 0.4 cm/year → DISAGREE

Please let us know if you have any questions.

Thanks.

Carl

Carl Stivers

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